

Work Order ID 57212

March 30, 2010 8:55:10 AM



Page 1

Item ID: D412-702-121B

Accept



Setup Start



Revision ID:

Item Name: Harness Assembly

Stop



Start Date: 30/03/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 30/03/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan:

Date: 10-3-30

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI 9469

A

50

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D412-702-121B / DSI 9469
CHG001

Handwritten signature

N/A

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

PN 143/30 (2)

110

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per DSI9469

9-10/03/30 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 57212

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Page 2

Item ID: D412-702-121B

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Run Start



QC: Date: SPC (Y/N): Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

8 10/6/30

72

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-702-123B / DSI 9469

Location: 211

PPP rev:

CHG 001

50 10-3-30 20

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/03/30

CY 10/3/30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

March 30, 2010 8:55:13 AM

Page 1

Work Order ID: 57212

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly



Comments:

Start Date: 30/03/2010

Required Date: 30/03/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3570-3  Bracket		Manufactured	No				Each	19.0000	2.0000 			

<u>Warehouse</u>	<u>Loc</u>	<u>Qty</u>	<u>Loc Code</u>
<u>Location</u>			
Main Warehouse			
ST245A	19		
52885	19		

D3579-047  Shoulder Harness		Manufactured	No				Each	8.0000	2.0000 			
--	--	--------------	----	--	--	--	------	--------	---	--	--	--

<u>Warehouse</u>	<u>Loc</u>	<u>Qty</u>	<u>Loc Code</u>
<u>Location</u>			
Main Warehouse			
ST273	8		
55118	2		
55682	6		

MS24694-S50  Screw		Purchased	No				Each	194.0000	8.0000 			
---	--	-----------	----	--	--	--	------	----------	---	--	--	--

<u>Warehouse</u>	<u>Loc</u>	<u>Qty</u>	<u>Loc Code</u>
<u>Location</u>			
Main Warehouse			
ST289	194		
108936	6		
111020	18		
113538	170		

1113538

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Page 2

Work Order ID: 57212

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly


Comments:

Start Date: 30/03/2010

Required Date: 30/03/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD10L  Washer		Purchased	No				Each	2,885.000	8.0000			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST348

2885

101291

16

105793

49

110985

2820

MS21042L3

Purchased

No



Nut

Each

2,045.000 2.0000



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST300

2045

110844

35

111274

27

111668

58

112314

285

113523

17

113537

623

113644

1000

11/0985

11/0985

113537

March 30, 2010 8:55:13 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

March 30, 2010 8:55:13 AM

Page 3

Work Order ID: 57212

Parent Item: D412-702-121B

Parent Item Name: Harness Assembly

Comments:

Start Date: 30/03/2010

Required Date: 30/03/2010

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3569-3		Manufactured	No				Each	27.0000	2.0000			



Decal



[Handwritten signature] 12/3/30 *[Handwritten mark]*

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST245A	27	
55395	6	
56385	21	

55395

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 57212

Figures 4.8 (pg. 25) of IIN-D412-702 Rev. E and 25.12 (pg. 69) of ICA-D412-702 Rev. 3 are updated as follows:

10-3-30

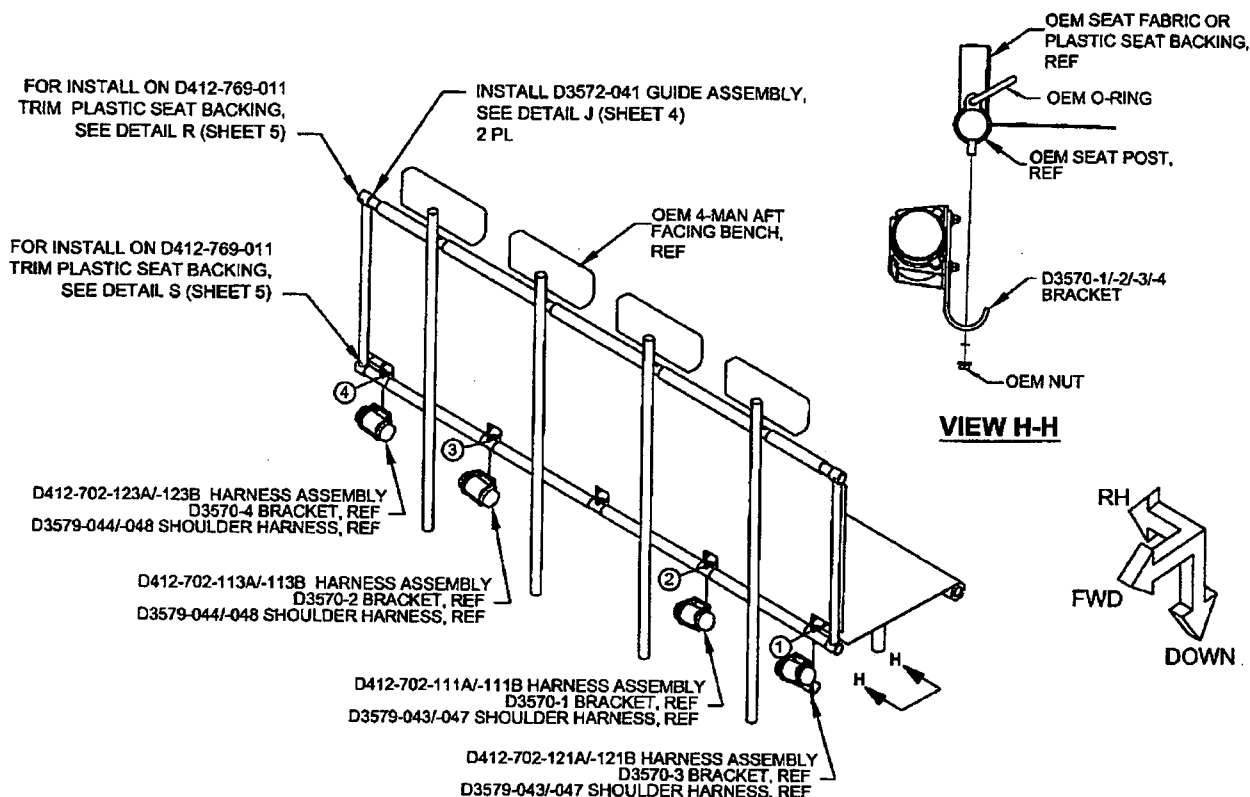


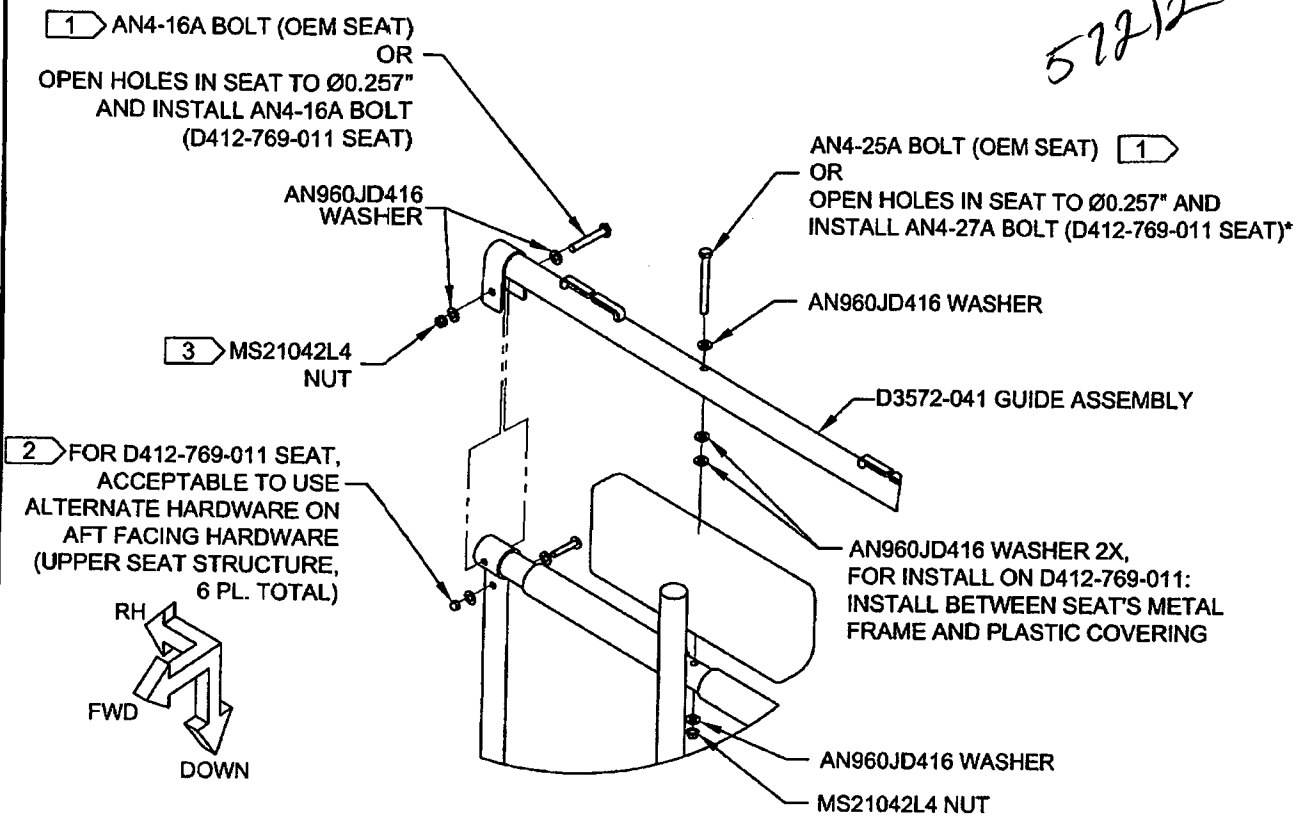
FIGURE 4.8. SHOULDER BELT INSTALLATION
FIGURE 25.12 D412-702-045A/-045B 4-MAN 3-POINT AFT FACING SHOULDER HARNESS KIT

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED
 BY: *[Signature]*
 D. SHEPHERD (DE # 02)
 DATE: 10.01.13
 CERT. NO.: SH04-7
 ISSUE NO.: 3

DESIGN		DART AEROSPACE LTD	
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CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9469	SHEET 3 OF 5
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DE APPR.		AFT-FACING SEAT UPDATE	NTS
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52212



DETAIL J: D3572-041 INSTALLATION
(RH SHOWN, LH OPPOSITE)

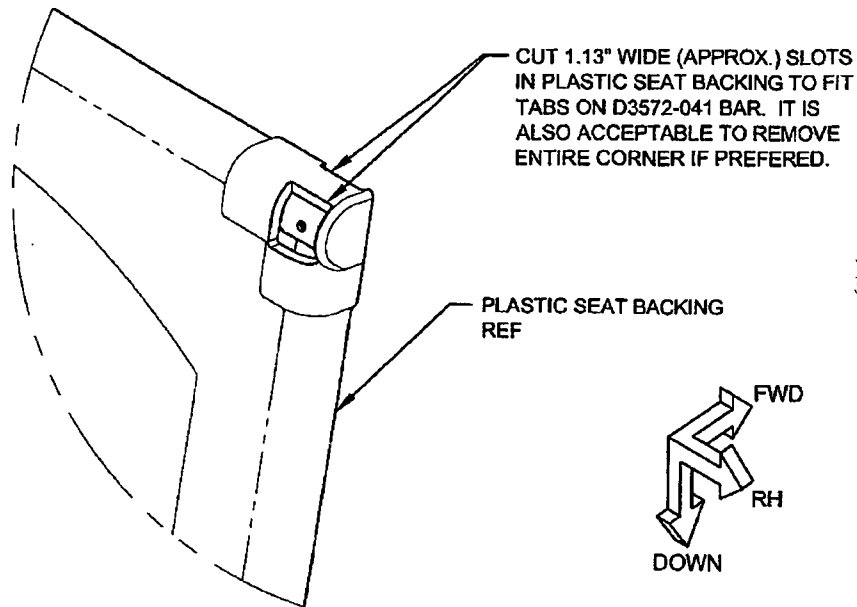
- 1** ACCEPTABLE TO USE LONGER/SHORTER AN4 BOLTS, ADD ADDITIONAL AN960JD416 WASHERS, OR SUBSTITUTE AN960JD416L WASHERS TO ENSURE 1.5-2 THREADS IN SAFETY
- 2** ACCEPTABLE TO USE MS51865-6C AS ALTERNATE NUT (6 PLACES TOTAL PER D412-769-011 SEAT KIT). IF ALT NUT IS USED, ADD AN960JD10/10L WASHER AS REQD (HEAD BOLT SIDE) TO ENSURE PROTRUDING THREADS MEASURE 0.160 MIN, 0.190 MAX. (BEFORE NUT INSTALLATION)
- 3** ACCEPTABLE TO USE MS51865-8C AS ALTERNATE NUT (2 PLACES TOTAL PER D412-769-011 SEAT KIT). IF ALT NUT IS USED, ADD AN960JD416/416L WASHER AS REQD (HEAD BOLT SIDE) TO ENSURE PROTRUDING THREADS MEASURE 0.200 MIN, 0.250 MAX. (BEFORE NUT INSTALLATION)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

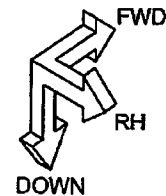
APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.13
CERT. NO.: SH04-7
ISSUE NO.: 3

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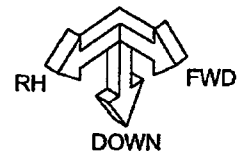
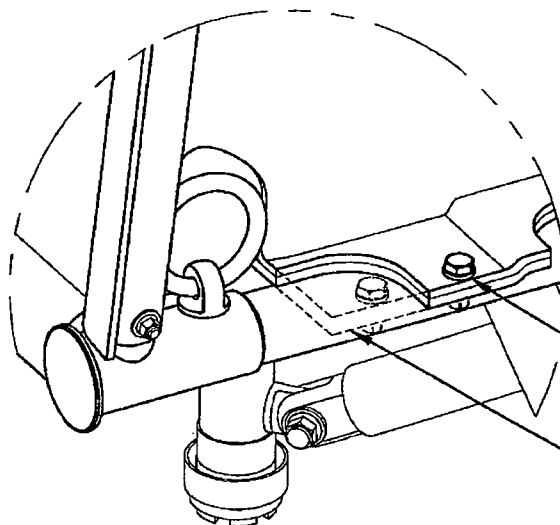


57212



DETAIL R

VIEW LOOKING AT FRONT OF SEAT BACKING, TOP-RH CORNER SHOWN (TOP-LH CORNER SIMILAR),
FOR INSTALL ON D412-769-011 ONLY



RELOCATE AN4 BOLTS SECURING
SEAT PLASTIC AS REQ'D TO ALLOW
SEAT TRIMMING

TRIM SEAT PLASTIC AS
REQ'D TO CLEAR HARNESS
BRACKETS

DETAIL S

VIEW LOOKING AT REAR OF SEAT, BOTTOM-RH CORNER SHOWN (BOTTOM-LH CORNER SIMILAR),
FOR INSTALL ON D412-769-011 ONLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.13
CERT. NO.: SH04-7
ISSUE NO.: 3

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MFG. APPR.	N/A	DSI 9469	SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AFT-FACING SEAT UPDATE	NTS
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